



A NEW RAW MATERIAL PROCESS METHOD FOR CERAMIC PRODUCTS

SCIFACTOR

**A SCIENTIFIC INDUSTRIAL METHOD FOR
PRODUCING WHITE CLAY AT A REASONABLE COST
AND MINIMAL ENVIRONMENTAL IMPACT.**





ABOUT US

SciFactor is a team of experienced professionals who have devoted more than 3 years to understand the challenges faced by the ceramic industry and designing a material process method that brings a key benefit to processes that generate white clay. We have recently joined the SCHOOLAB incubator in Paris as a prelude to launch our activity in France and we are hoping to work with a French manufacturer as our first customer abroad.

Contact us



Our Method?

We offer a material process that accepts your raw red clays and transforms them into white clays. White-body and Porcelain ceramics can be produced as the end products of the transformation process. The process line involved does not require a high level of capital expenditure and has proven its technical and economic viability in our previous projects. It is estimated to reduce your raw material costs by up to 70 percent. Furthermore, it provides access to an abundant volume of high-quality primary material that can be used to produce more valuable products, generating greater value.



Why use our method?

About 40 percent of the final costs of ceramic tile products are attributable to the cost of raw materials. Our method is therefore of significant benefit in the production of white body tiles.

White-body ceramic tiles have several advantages in comparison to red-body ones.

- Higher durability and resistance against erosion and tension.
- More efficient and easier glazing.
- Higher demand for white body ceramics, strengthening the manufacturer's position in the market.
- Lower mass per unit of area, reducing transportation costs.

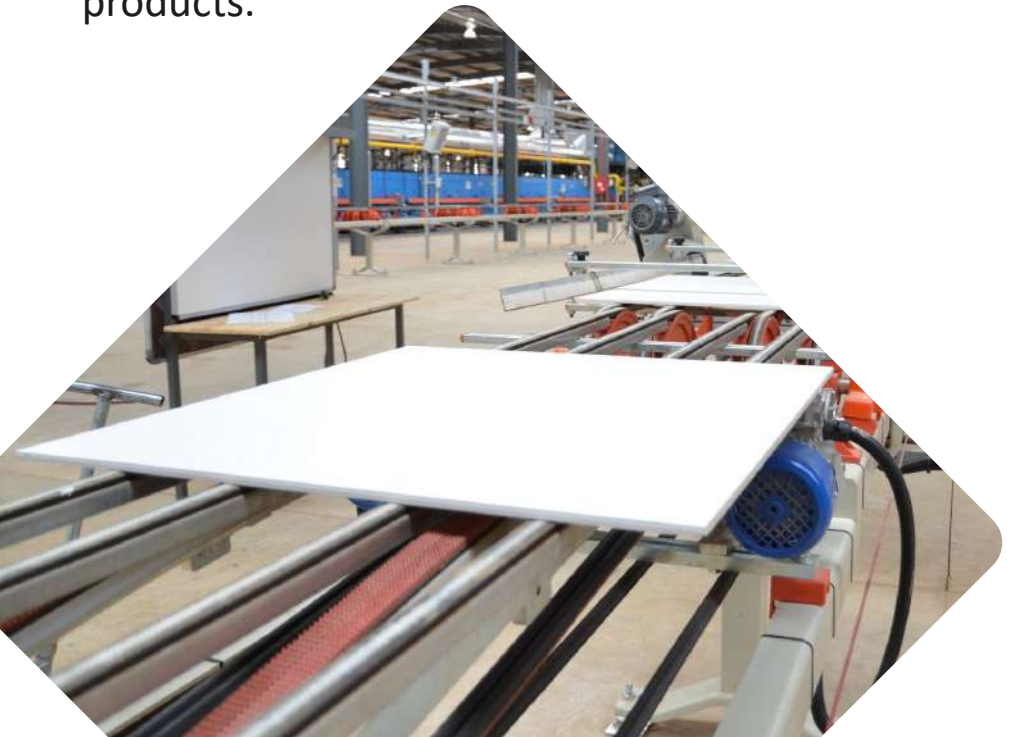
Our method also has the following technical advantages

- Environmental sustainability.
- compatible with more than 90 percent of current ceramic clays.



Our competitive advantages

- Use of low-cost raw materials, resulting in a real financial benefit for the manufacturer.
- Facilitating access to top grade raw materials for producing high-quality products.
- The ability to use recovered waste to produce ceramic bodies and glazes.
- Simple design and installation.
- Quick return on investment.
- Does not consume fossil fuels.
- Does not produce environmental pollutants.
- Recovering waste to generate our secondary products.



Technical feasibility and economic viability

We have performed XRF and XRD analyses that prove the technical feasibility of our method. We are able to provide you with more precise details of these analyses if you require [following signature of a non-disclosure agreement].



Test results on red Kaolin clay

The process method is adaptable - the reagents, additives and physical parameters used can be adjusted to achieve the best-suited method for your current clays.